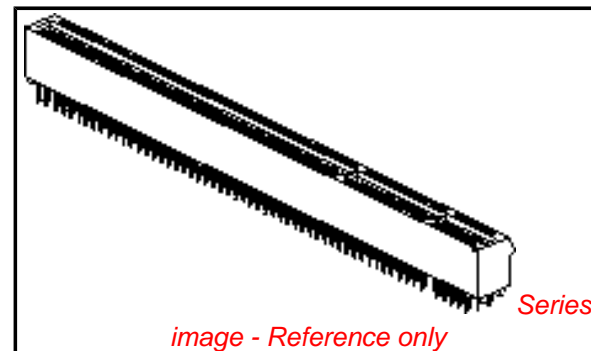


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [87715-3916](#)
Status: **Active**
Overview: [PCI Express Card Edge Connector](#)
Description: 1.00mm Pitch, PCI Express* Connector, 280 Circuits, Nylon 4/6 Glass-filled, Black Housing, Phosphor Bronze, 0.76µm Gold Solder-tail, Lead-Free

Documents:

3D Model	Test Summary TS-87715-206 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-87715-206 (PDF)	



Agency Certification

CSA LR19980

General

Product Family	Edge Card Connectors
Series	87715
Component Type	Edgecard to PCB
Overview	PCI Express Card Edge Connector
Product Name	PCI Express*
UPC	822350036672

Physical

(p)ower-(s)ignal Configuration	280s - 0p
Circuits (Loaded)	280
Circuits (maximum)	280
Durability (mating cycles max)	50
Entry Angle	Vertical (Top Entry)
Flammability	94V-0
Keying to Mating Part	Yes
Material - Plating Mating	Gold
Material - Plating Termination	Tin
PC Tail Length	3.00mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	2.40mm
Packaging Type	Tray
Pitch - Mating Interface	1.00mm
Pitch - Termination Interface	1.00mm
Plating min - Mating	0.762µm
Polarized to Mating Part	Yes
Temperature Range - Operating	-55°C to +85°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	1.1A
Voltage - Maximum	50V AC (RMS)/DC

Solder Process Data

Lead-free Process Capability	Wave Capable (TH only)
Process Temperature max. C	260

Material Info

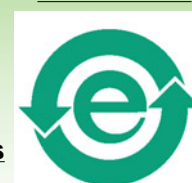
Reference - Drawing Numbers

Product Specification	PS-87715-206
Sales Drawing	SD-87715-206

EU RoHS

**ELV and RoHS
Compliant**
REACH SVHC
 Not Reviewed
Low-Halogen Status
 Not Reviewed

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

87715Series

Mates With

PCI Express Card

This document was generated on 09/19/2012

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION